

LISTING OF CLAIMS:

1. (PREVIOUSLY PRESENTED) A piston pin bushing having an overlay surface exhibiting parameter values at least in a main load area of the bushing measured over a cross-section in an axial direction of the bushing of:
 - at a depth of at most 1.800 μm , a bearing ratio amounting to a minimum of 99.0%;
 - a depth of roughness core profile amounting to a maximum of 0.30 μm ;and
 - a material ratio Mrl of the roughness core profile amounting to a maximum of 8%.
2. (PREVIOUSLY PRESENTED) A piston pin bushing according to claim 1, wherein the material ratio Mrl of the roughness core profile amounts to a maximum of 7%.
3. (PREVIOUSLY PRESENTED) A piston pin bushing according to claim 1 wherein the bearing ratio amounts to a minimum of 99.0% at a depth of at most 0.900 μm .
4. (PREVIOUSLY PRESENTED) A piston pin bushing according to claim 3, wherein the depth of the roughness core profile amounts to a maximum of 0.15 μm .
5. (PREVIOUSLY PRESENTED) A piston pin bushing according to claim 1, wherein the overlay consists of a lead-free copper-based alloy.
6. (PREVIOUSLY PRESENTED) A piston pin bushing according to claim 5, wherein the overlay is selected from the group consisting of a copper-aluminum, a copper-zinc or a copper-tin-zinc alloy.

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7. (PREVIOUSLY PRESENTED) A piston pin bushing according to claim 1, wherein a frequency distribution of the roughness profile of the overlay topography exhibits a half width of at most 0.20 μm .

8. (PREVIOUSLY PRESENTED) A piston pin bushing according to claim 1, wherein a frequency distribution of the roughness profile of the overlay topography exhibits a half width of at most 0.10 μm .

9-10. (CANCELED)